Original / Duplicate / Triplicate

CONTRACT CERTIFICATE

No. **1st & Part bill** (For Other Works) Date.....20.....

Division- **Dasarahalli Division**

Bill Received No.....Dated.....Cash Book Voucher No.....dated.....

Scheduled Docket No..... Head of Account:

Name of Work : Improvements and Asphalting to Saptagiri College Main and adjacent Cross roads in ward No 12, Shettyhalli Sub Division.

Contractor and Full Address: M/s. KRIDL

Work Order No:

Job code No:

Certified that the measurements were taken by me on 16/08/19 and recorded in pages 347381 to 347383.

Of measurement Book No. 3474/2018-19 and that the work is satisfactorily executed.

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISON
BENGALURU-560 010

Contractor **Officer-in-charge of work**

Certified that the measurements were taken by me on 16/8/2019 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub-Division Officer

If Memorandum of Payment		
1) Total value of work done or supplies made as per account within		
2) Deduct amount to be held in reserve being.....percent Rs.....		
3) Deduct amount to be held in Balance		
4) Deduct Payment :		
a) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D No.....		
Amount adjusted towards cash advance recovery of		
b) Payments cost store or other materials supplied.		
Now made recovery of amount creditable to this/other work		
Amount paid on this bill Cheque/Cash		
5) Balance being unpaid value of work done held in reserve		
6) Deduct cash advance made on the office Cash Book Voucher No..... date .....less adjustments		
7) Net amount due to or from contractor		
Unadjusted items		
8) Advance to contractor for materials brought to site (as detailed) within value of Governme materials supplied		

Contractor's Signature

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISON
BENGALURU-560 010

Received Rs.....(in words)

By Cash and by adjustment of Payment as per memorandum.

Witnesses:

(For use in the Office)

1.

2.

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISON
BENGALURU-560 010

Dated.....Signature of Contractor

Paid by me by cheque No.....Dated.....

Cash Rs.....Dated.....

Initials of Officer Making Payment **Executive Engineer**

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Name of Work: Improvements and Asphalting to Saptagiri College Main and adjacent Cross roads in ward No 12, Shettyhalli Sub Division

ABSTRACT - R.A BILL No.01

ABSTRACT

Sl No	Description of Work	Unit	As per Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
1	Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications 10km lead complete as per direction of Engineer in-charge	Cum	1352.16	220.40	298016.06	–	–	1352.16	220.40	298016.06	1352.16	298016.06
2	Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications. complete as per direction of Engineer in-charge	Cum	220.19	5421.90	1193821.05	–	–	220.19	5421.90	1193821.05	220.19	1193821.05

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Sl No	Description of Work	Unit	As per Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
3	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. with 20mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compacted for walls and bottom including centering, shuttering, cost of materials, HOM of machinery, curing etc., complete excluding cost of steel as per MORTH specification No. 1500, 1700, 2200. including cost of materials, labour, HOM complete as per specificationsdo- Wall & bottom thickness 15cm complete as per direction of Engineer in-charge	Cum	395.42	7070.20	2795663.13			395.42	7070.20	2795663.13	395.42	2795663.13
4	Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specifications. Specificatio complete as per direction of Engineer in-charge	Tn	29.66	72326.98	2144937.96	_	_	29.66	72326.98	2144937.96	29.66	2144937.96

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Sl No	Description of Work	Unit	As per Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
5	Providing and Fixing pre cast covering Slab made out of CC 1:2:4 with 10cm thick and Finishing cutting ,including form work,curing,including cost of alll materials, labour,hire charges ofmachinery, loading,unloading, lead and lift,transportation etc ,copmplete. complete as per direction of Engineer in-charge	Sqm	1106.10	2208.00	2442268.80			1106.10	2208.00	2442268.80	1106.10	2442268.80
6	Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specifications MORTH Specification complete as per direction of Engineer in-charge	Cum	1422.56	69.06	98242.17			1421.27	69.06	98152.82	1421.27	98152.82
7	Compaction of original ground by mechanical means including filling in depression occuring during rolling including cost of all labour, HOM complete as per specifications complete as per direction of Engineer in-charge	Sqm	5690.25	6.36	36189.99			5685.08	6.36	36157.08	5685.08	36157.08

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Sl No	Description of Work	Unit	As per Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
8	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications Clause 401 of MORTH V Revision.complete as per direction of Engineer in-charge	Cum	853.54	1994.92	1702739.03			852.76	1994.92	1701190.47	852.76	1701190.47
9	Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications complete as per direction of Engineer in-charge	Cum	1280.31	2001.28	2562251.29			1279.14	2001.28	2559921.05	1279.14	2559921.05

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Sl No	Description of Work	Unit	As per Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
10	Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications Clause 502 of MORTH V revision complete as per direction of Engineer in-charge	Sqm	5690.25	29.68	168886.62			0.00	29.68	0.00	0.00	0.00
11	Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM complete as per specifications complete as per direction of Engineer in-charge	Sqm	5690.25	12.72	72379.98			0.00	12.72	0.00	0.00	0.00

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No	Description of Work	Unit	As per Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
12	Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications Clause 505 of MORTH V revisionusing 40/60 TPH capacity H.M.P. with Mechanical paver Gr-II (50 mm to 75 mm) with 4.5 % VG-30 Bitumencomplete as per direction of Engineer in-charge	Cum	284.51	6858.20	1951243.63			0.00	6858.20	0.00	0.00	0.00
13	Providing and laying bituminous concrete using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications Clause 507 of MORTH V revision using40/60 TPH capacity H.M.P. with Mechanical Paver Gr-II (30 mm to 45 mm) with 5.4% VG-30 Bitumen complete as per direction of Engineer in-charge	Cum	170.71	7911.84	1350610.43			0.00	7911.84	0.00	0.00	0.00

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Sl No	Description of Work	Unit	As per Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
14	Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface/ Concrete Surface: Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35 standards specified. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. complete as per direction of Engineer In-charge	Sqm	168.60	454.74	76669.16			0.00	454.74	0.00	0.00	0.00
	Total				**16893919.30**					**13270128.43**		**13270128.43**
	GST 12%				**2027270.32**					**1592415.41**		**1592415.41**
	KRIDL Charges 4.5%				**760226.37**					**597155.78**		**597155.78**
	Grand Total				**19681415.99**					**15459699.62**		**15459699.62**

CERTIFICATE

1 Certified that the work done is satisfactorily.

2 There is no departmental issues by BBMP

Assistant Engineer
Ward No-12
BBMP Bangalore

Asst. Executive Engineer,
Shettyhalli Sub division
BBMP Bangalore

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